Key Differences Between xMAP INTELLIFLEX® Software and xPONENT® Software
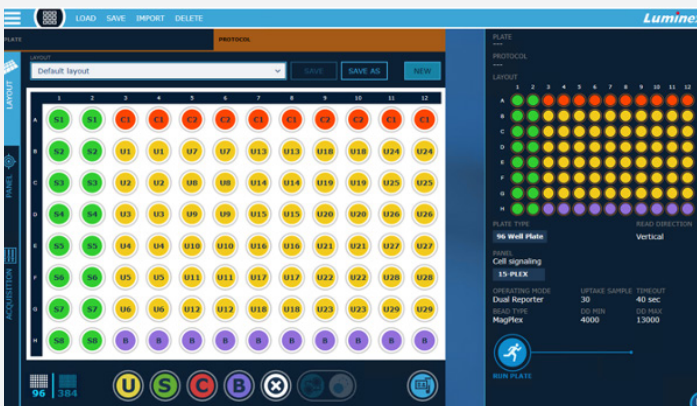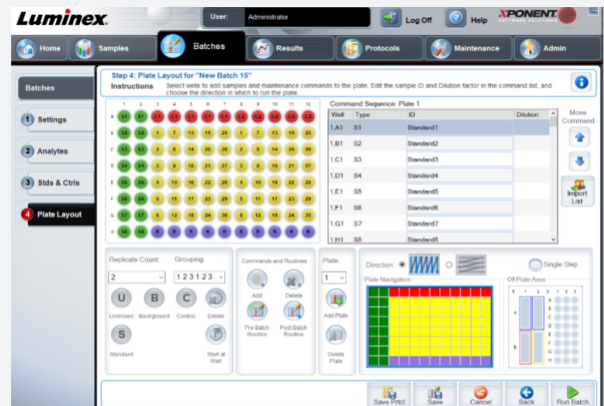
xMAP INTELLIFLEX® Software is a unique software package designed with exciting new tools that are flexible, customizable, and easy to learn and use. The software incorporates workflow enhancements not previously available on older xMAP® software packages marketed under the xPONENT® name. Here, we've provided a comparison of some of the key differences between xMAP INTELLIFLEX® Software and xPONENT® Software.

Figure 1. Plate Configuration
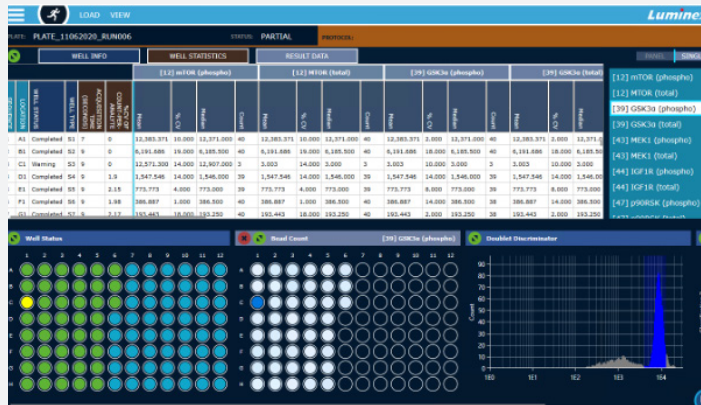
xMAP INTELLIFLEX®

xPONENT®

xMAP INTELLIFLEX uses an intuitive, non-linear workflow, supporting the import of independent panels, plate layouts, and sample lists, and allowing the user to assemble plates from modular components.

xPONENT uses a fixed, linear workflow—some elements are importable, but users must package all acquisition parameters into a single protocol template prior to acquisition.
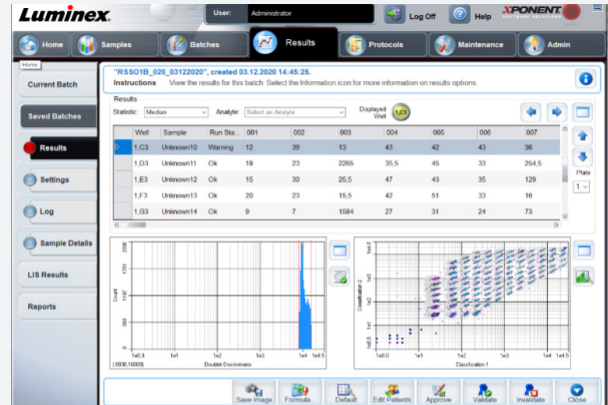
Figure 2. Run Monitoring

xMAP INTELLIFLEX®

xMAP INTELLIFLEX allows the user to concurrently view multiple statistics for all analytes. Combined with added heat map visualizations, rapid insights into run performance are available in real time.
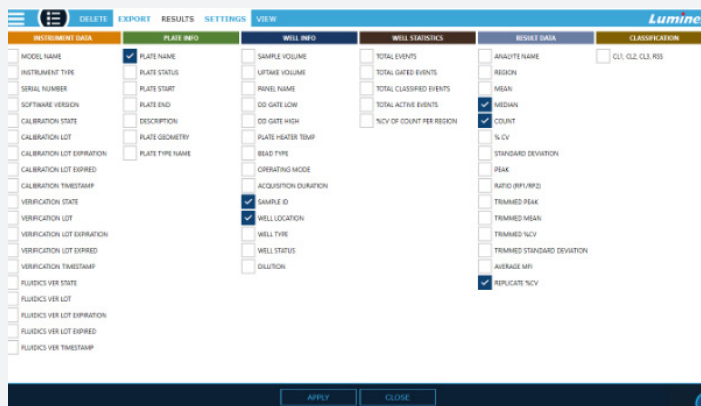
xPONENT®

xPONENT allows the user to view either a single statistic or analyte during a run and provides histogram and bead classification map visualizations.
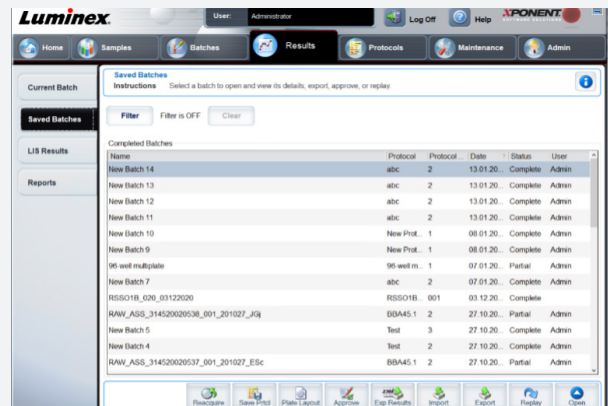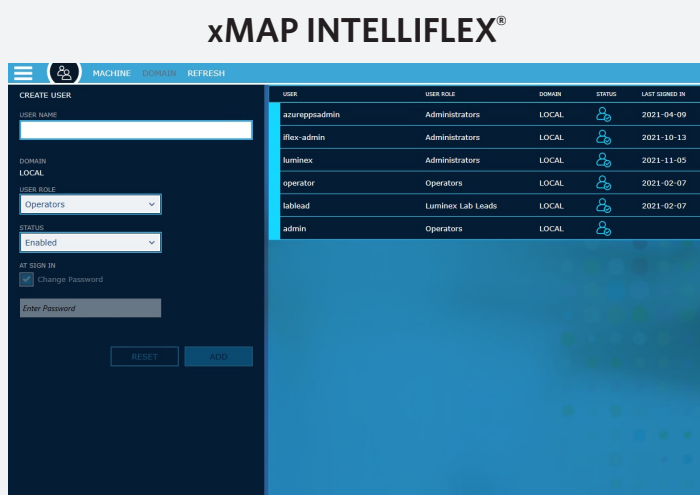
Figure 3. Results

xMAP INTELLIFLEX®

xMAP INTELLIFLEX supports the xPONENT data output format for compatibility with existing xMAP analysis tools, as well as a new, easy-to-interpret xMAP INTELLIFLEX-native format which can be easily customized.
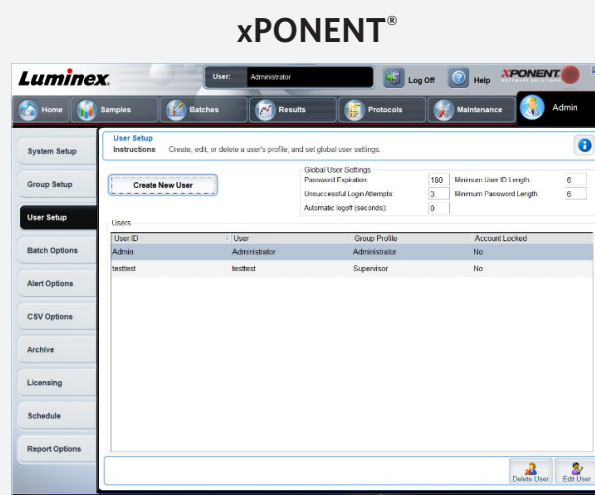
xPONENT®

xPONENT provides a single, non-customizable data output format.

Figure 4. Security
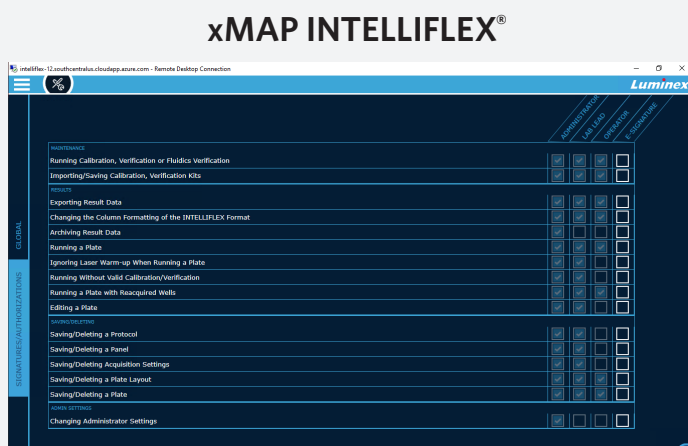
xMAP INTELLIFLEX®

xPONENT®

xMAP INTELLIFLEX supports multiple users: users may be configured either locally (for non-networked installations) or may be defined on the network and managed by IT departments.
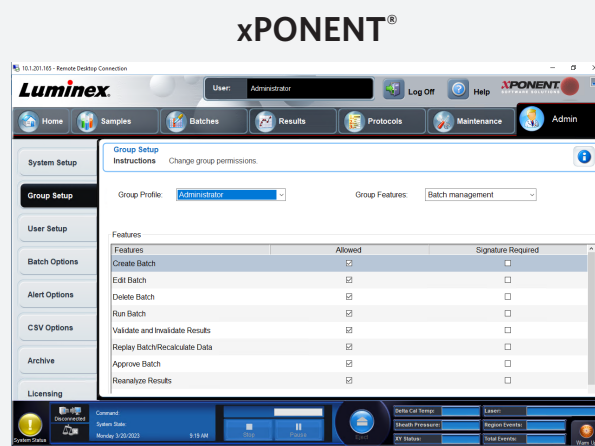
xPONENT only supports multiple users if the optional Security module (not included with base-level xPONENT installations) is enabled. Users may only be configured locally, within the xPONENT application itself.

Figure 5. Compliance and Automation

xMAP INTELLIFLEX®

xPONENT®

xMAP INTELLIFLEX offers two optional software modules:

The Electronic Records Compliance module enables rich tools to support 21 CFR Part 11 and Annex 11-compliant workflows, such as electronic signatures, digitally signed data outputs and the ability to export audit records in the same file as fluorescent results.

The Automation module enables an integration-friendly REST/ OpenAPI programming interface.

xPONENT offers similar functionality in two optional modules: The 21 CFR Part 11 module provides basic electronic signing features.

The Automation module provides a .NET API to support remote automation commands.

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For more information, please visit luminexcorp.com/INTELLIFLEX.

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